

<div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; border-radius: 50%; padding: 10px; margin-right: 10px; text-align: center;"> O I P E JUL 06 2004 PATENT & TRADEMARK OFFICE </div> <div> INFORMATION DISCLOSURE CITATION <small>(Use several sheets if necessary)</small> </div> </div>				ATTY DOCKET NO. 132407-3		SERIAL NO. 10/815,258	
				Dennis Michael Gray et al.			
				FILING 3/31/2004		GROUP 1762 1775	
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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
RRK	4,439,237	3/27/1984	Kuminitzu et al.	_____	_____	_____	
RRK	5,206,083	4/27/1993	Raj et al.	_____	_____	_____	
RRK	5,230,755	7/27/1993	Pierantoni et al.	_____	_____	_____	
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RRK	US 6,245,390 B1	6/12/2001	Baranovskl et al.	_____	_____	_____	
RRK	US 6,365,274 B1	4/2/2002	Scheckenbach et al.	_____	_____	_____	
RRK	US 6,513,728 B1	2/4/2003	Hughes et al.	_____	_____	_____	
RRK	US 6,562,480 B1	5/13/2003	Stong et al.	_____	_____	_____	
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FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
RRK	GB 2 024 260 A	9 Jan 1980	Great Britain	_____	_____		✓
RRK	WO 01/92601 A1	06.12.2001	PCT	_____	_____		✓
RRK	EP 0 224 827 B1	10.06.1987	European	_____	_____		✓
RRK	EP 1 217 095 A1	26.02.2002	European	_____	_____		✓
RRK	EP 1 111 089 A1	27.06.2001	European	_____	_____		✓
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RRK	JP 08-253877; Date of Publication of Application: 01.10.1996; Patent Abstracts of Japan (2 pgs)						
RRK	WO0192601; 2001-12-06; Abstract Only (1 pg)						
EXAMINER <i>Robert R. Koehler</i>				DATE CONSIDERED <i>August 26, 2005</i>			
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

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RRK	Lee et al., "A Study on the Mechanism of Formation of Electrocodeposited Ni-diamond Coatings", Surface and Coatings Technology 148 (2001) 234-240 ⁵ (no month given).

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		Applicant(s) Dennis Michael Gray et al.	
		Filing Date 3/31/2004	Group Art Unit 1762 1775

*EXAMINER INITIAL	OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>
RRK.	Sikder et al., "Surface Engineering of Metal-Diamond Composite Coatings on Steel Substrates Using Chemical Vapour Deposition and Electroplating Routes" Surface and Coatings Technology 114 (1999) 230-234; (no month given).
RRK.	Sikder et al., "Chemical Vapour Deposition of Diamond on Stainless Steel: The Effect of Ni-Diamond Composite Coated Buffer Layer" Diamond and Related Materials 7 (1998) 1010-1013; (no month given).
RRK.	G. Meaden et al., "Laser Cutting of Diamond Fibres and Diamond Fibre/Titanium Metal Matrix Composites" Diamond and Related Materials 5 (1996) 825-828; (no month given).
RRK.	Dai et al., "Effects of Rare Earth and Sintering Temperature on the Transverse Rupture Strength of Fe-Based Diamond Composites" Journal of Materials Processing Technology 129 (2002) 427-430; (no month given).
RRK.	Reddy et al., "A Study on the Wear Resistance of Electroless Ni-P/Diamond Composite Coatings" Wear 239 (2000) 111-116; (no month given).
RRK.	Ian Meredith, "The Wear Resistant Design and Rebuild of the Rangipo Francis Turbines", 10th HPEE Conference, 19-24 May 2002 Snowy Hidro AUS (19 pgs)
RRK.	Malcolm et al., "Ashes to ashes?" AUSTRALASIA Rangipo Rebuild, International Water Power & Dam Construction February 1997 (3 pgs)
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Docket Number (Optional)
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Applicant(s)
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<i>RRK</i>		EP 0 687 746 A1	1995-12-20	Europe				✓

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<i>RRK</i>	DE10061749; 2002-06-20; Abstract Only (1 pg)
<i>RRK</i>	Karimi et al. "Microstructure and Hydroabrasive Wear Behaviour of High Velocity Oxy-Fuel Thermally Sprayed WC-Co(Cr) Coatings", Surface and Coatings Technology, 57 (1993) 81-89; (no month given).

EXAMINER *Robert R. Koehler*

DATE CONSIDERED *August 26, 2005*

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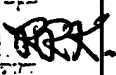
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						YES	NO

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	Karimi et al., "Hydroabrasive Wear Behaviour of High Velocity Oxyfuel Thermally Sprayed WC-M Coatings", Surface and Coatings Technology, 62 (1993) 493-498 (no month given).
	Siegmann et al., "Thermally Sprayed Wear Resistant Coatings with Nanostructured Hard Phases", Journal of Thermal Spray Technology, Volume 13 (1) March 2004, pages 37-43

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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PRK	International Search Report; International Application No. PCT/US2004/034931; International Filing Date 21/10/2004; Date of Mailing 25/04/2005 (4 pgs)

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